

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application No.	10/564,660
		Filing Date	December 7, 2006
		First Named Inventor	Crothers et al.
		Art Unit	1634
(Multiple sheets used when necessary)		Examiner	Lu, Frank Wei Min
SHEET 1 OF 4		Attorney Docket No.	GENOM.025NP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,469,863	09-04-1984	Ts'o et al.	
	2	4,683,195	07-28-1987	Mullis et al.	
	3	4,683,202	07-28-1987	Mullis	
	4	4,840,893	06-20-1989	Hill et al.	
	5	5,143,854	09-01-1992	Pirrung et al.	
	6	5,312,527	05-17-1994	Mikkelsen et al.	
	7	5,384,261	01-24-1995	Winkler et al.	
	8	5,412,087	05-02-1995	McGall et al.	
	9	5,541,311	07-30-1996	Dahlberg et al.	
	10	5,614,402	03-25-1997	Dahlberg et al.	
	11	5,714,320	02-03-1998	Kool	
	12	5,719,028	02-17-1998	Dahlberg et al.	
	13	5,776,672	07-07-1998	Hashimoto et al.	
	14	5,795,763	08-18-1998	Dahlberg et al.	
	15	5,837,450	11-17-1998	Dahlberg et al.	
	16	5,843,654	12-01-1998	Heisler et al.	
	17	5,843,669	12-01-1998	Kaiser , et al.	
	18	5,846,717	12-08-1998	Brow , et al.	
	19	5,854,033	12-29-1998	Lizardi	
	20	5,871,921	02-16-1999	Landegren et al.	
	21	5,871,918	02-16-1999	Thorp, et al.	
	22	5,871,981	02-16-1999	Chartrain, et al.	
	23	5,876,924	03-02-1999	Zhang, et al.	
	24	5,888,780	03-30-1999	Dahlberg, et al.	
	25	5,942,391	08-24-1999	Zhang, et al.	
	26	5,972,692	10-26-1999	Hashimoto, et al.	
	27	5,985,557	11-16-1999	Prudent, et al.	
	28	5,994,069	11-30-1999	Hall, et al.	
	29	6,001,567	12-14-1999	Brow, et al.	

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	30	6,090,543	07-18-2000	Prudent, et al.	
	31	6,090,606	07-18-2000	Kaiser, et al.	
	32	6,096,880	08-01-2000	Kool	
	33	6,124,120	09-26-2000	Lizardi	
	34	6,143,495	11-07-2000	Lizardi, et al.	
	35	6,183,960	02-06-2001	Lizardi	
	36	6,194,149	02-27-2001	Neri, et al.	
	37	6,200,761	03-13-2001	Meade, et al.	
	38	6,210,880	04-03-2001	Lyamichev, et al.	
	39	6,210,884	04-03-2001	Lizardi	
	40	6,214,545	04-10-2001	Dong, et al.	
	41	6,221,586	04-24-2001	Barton, et al.	
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	43	6,287,824	09-11-2001	Lizardi	
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	45	6,348,314	02-19-2002	Prudent, et al.	
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	48	6,368,802	04-09-2002	Kool	
	49	6,368,803	04-09-2002	Western, et al.	
	50	6,372,424	04-16-2002	Brow, et al.	
	51	6,458,530	10-01-2002	Morris, et al.	
	52	6,458,535	10-01-2002	Hall, et al.	
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	55	60/497,821	08-25-2003	Crothers et al.	
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	57	60/424,656	11-06-2002	Crothers et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	58	EP 0799897	10-08-1997	Affymetrix Inc.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	59	BAMBARA et al., "Enzymes and Reactions at the Eukaryotic DNA Replication Fork," <i>J. Biol. Chem.</i> 1997, 272:4647-4650.	
	60	DE ARRUDA et al., "Invader Technology for DNA and RNA Analysis Principles and Applications," <i>Expert Rev. Mol. Diagn.</i> 2002, 2:487-496.	
	61	DISNEY et al., "Targeting a Pneumocystis Carinii Group I Intron With Methylphosphonate Oligonucleotides: Backbone Charge is not Required for Binding or Reactivity," <i>Biochemistry</i> , 2000, 39(23):6991-7000.	
	62	EIS et al., "An Invasive Cleavage Assay for Direct Quantitation of Specific RNAs," <i>Nat Biotechnol.</i> , 2001, 19:673-676.	
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	65	HARDWIDGE et al., "Charge Neutralization and DNA Bending by the Escherichia Coli Catabolite Activator Protein," <i>Nucleic Acids Res</i> , 2002 May 1, 30(9):1879-85.	
	66	KAISER et al., "A Comparison of Eubacterial and Archaeal Structure-specific 5'-Exonucleases," <i>Journal of Biological Chemistry</i> , 1999, 274:21387-21394.	
	67	KIBLER-HERZOG et al., "Duplex Stabilities of Phosphorothioate, Methylphosphonate, and RNA Analogs of two DNA 14-mers," <i>Nucleic Acids Res</i> , 1991 Jun 11, 19(11):2979-86.	
	68	KWIATKOWSKI et al., "Clinical, Genetic, and Pharmacogenetic Applications of the Invader Assay," <i>Mol. Diag.</i> 1999, 4:353-364.	
	68	LE BEC et al., "Stereospecific Grignard-Activated Solid Phase Synthesis of DNA Methylphosphonate Dimers," <i>J. Org. Chem.</i> , 1996 Jan 26, 61(2):510-513.	
	70	LIN et al., "Use of EDTA Derivatization to Characterize Interactions Between Oligodeoxyribonucleoside methylphosphonates and Nucleic Acids," <i>Biochemistry</i> , 1989, 28(3):1054-61.	
	70	LIZARDI et al., "Mutation Detection and Single-Molecule Counting Using Isothermal Rolling-Circle Amplification," <i>Nature Genet.</i> , 1998, 19:225-232.	
	72	LYAMICHEV et al., "Polymorphism Identification and Quantitative Detection of Genomic DNA by Invasive Cleavage of Oligonucleotide Probes," <i>Nat. Biotech.</i> , 1999, 17:292-296.	
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	74	MARCUS-SEKURA et al., "Comparative Inhibition of Chloramphenicol Acetyltransferase Gene Expression by Antisense Oligonucleotide Analogues Having Alkyl Phosphotriester, Methylphosphonate and Phosphorothioate Linkages," <i>Nucleic Acids Res</i> , 1987 Jul, 24, 15(14):5749-63.	
	75	NIELSEN, "DNA Analogues With Nonphosphodiester Backbones," <i>Annu. Rev. Biophys. Biomol. Struct</i> , 1995, 24:167-83.	
	76	NIELSEN et al., "An Introduction to Peptide Nucleic Acid," <i>Curr Issues Mol. Biol.</i> 1999, 1(1-2):89-104.	
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	79	REYNALDO et al., "The Kinetics of Oligonucleotide Replacements," <i>J. Mol. Biol.</i> , 2000, 297:511-520.	
	80	REYNOLDS et al., "Synthesis and Thermodynamics of Oligonucleotides Containing Chirally Pure R(P) Methylphosphonate Linkages," <i>Nucleic Acids Res</i> , 1996 Nov. 15, 24(22):4584-91.	
	81	STEEL et al., "Electrochemical Quantitation of DNA Immobilized on Gold" <i>Anal. Chem.</i> , 1998, 70:4670-4677.	
	80	STEVENS et al., "Analysis of Single Nucleotide Polymorphisms with Solid Phase Invasive Cleavage Reactions," <i>Nuc. Acids Res.</i> 2001, 29:e77	
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	85	VAN BOOM et al., "Synthesis of Oligonucleotides with Sequences Identical with or Analogous to the 3'-end of 16S Ribosomal RNA of Escherichia Coli: Preparation of m-6-2-A-C-C-U-C-C and A-C-C-U-C-m-4-2C via Phosphotriester Intermediates," <i>Nucleic Acids Res</i> , 1977, 4(3):747-59.	
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